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* * *	* *	* *	* *	* Welcome to STN International * * * * * * * * *
NEWS NEWS	1 2	NOV	21	Web Page for STN Seminar Schedule - N. America CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-,
				and Japanese-language basic patents from 2004-present
NEWS	3	NOV	26	MARPAT enhanced with FSORT command
NEWS	4	NOV		CHEMSAFE now available on STN Easy
NEWS	5	NOV	26	Two new SET commands increase convenience of STN
				searching
NEWS	6	DEC	01	ChemPort single article sales feature unavailable
NEWS	7	DEC	12	GBFULL now offers single source for full-text
				coverage of complete UK patent families
NEWS	8	DEC		Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN	06	The retention policy for unread STNmail messages
				will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN	0.7	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent
NEWS	11	מממ	0.2	Classification Data
NEWS	TT	FEB	02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB	0.2	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS		FEB		Patent sequence location (PSL) data added to USGENE
NEWS		FEB		COMPENDEX reloaded and enhanced
NEWS		FEB		WTEXTILES reloaded and enhanced
NEWS		FEB		New patent-examiner citations in 300,000 CA/CAplus
				patent records provide insights into related prior
				art
NEWS	17	FEB	19	Increase the precision of your patent queries use
				terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB	23	Several formats for image display and print options
				discontinued in USPATFULL and USPAT2
NEWS	19	FEB	23	MEDLINE now offers more precise author group fields
NIDITO	0.0		0.0	and 2009 MeSH terms
NEWS	20	FEB	23	TOXCENTER updates mirror those of MEDLINE - more
NEWS	21	FEB	23	precise author group fields and 2009 MeSH terms Three million new patent records blast AEROSPACE into
NEWS	21	r ED	23	STN patent clusters
NEWS	22	FEB	25	USGENE enhanced with patent family and legal status
NEWD	22	1 111	25	display data from INPADOCDB
NEWS	23	MAR	06	INPADOCDB and INPAFAMDB enhanced with new display
				formats
NEWS	24	MAR	11	EPFULL backfile enhanced with additional full-text

applications and grants

NEWS 25 MAR 11 ESBIOBASE reloaded and enhanced

NEWS 26 MAR 20 CAS databases on STN enhanced with new super role

for nanomaterial substances

NEWS 27 MAR 23 CA/CAplus enhanced with more than 250,000 patent equivalents from China

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.22 0.22

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7 DICTIONARY FILE UPDATES: 25 MAR 2009 HIGHEST RN 1127021-37-7

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

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#### L1 STRUCTURE UPLOADED

=> s 11

SAMPLE SEARCH INITIATED 17:22:25 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1035 TO ITERATE

100.0% PROCESSED 1035 ITERATIONS

12 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 18770 TO 22630 PROJECTED ANSWERS: 33 TO 447

L2 12 SEA SSS SAM L1

=> s l1 fully

COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 17:22:34 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 20601 TO ITERATE

100.0% PROCESSED 20601 ITERATIONS SEARCH TIME: 00.00.01

292 ANSWERS

L3 292 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 188.28 188.50

FULL ESTIMATED COST

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009
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FILE COVERS 1907 - 26 Mar 2009 VOL 150 ISS 13 FILE LAST UPDATED: 25 Mar 2009 (20090325/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13/thu

53 L3

1105658 THU/RL

L4 5 L3/THU

(L3 (L) THU/RL)

=> s 14 and fung?

256611 FUNG?

L5 4 L4 AND FUNG?

=> d 15, ibib abs hitstr, 1-4

L5 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1471528 HCAPLUS

DOCUMENT NUMBER: 149:576624

TITLE: Preparation of pyridazines as agrochemical

fungicides and antitumor agents

INVENTOR(S): Dietz, Jochen; Vrettou, Marianna; Mueller, Bernd;

Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas

PATENT ASSIGNEE(S): BASF SE, Germany

SOURCE: PCT Int. Appl., 106pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 27

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008135413	A1	20081113	WO 2008-XD55058	20080425
W: AE, AG,	L, AM, AC	), AT, AU, A	AZ, BA, BB, BG, BH, E	BR, BW, BY, BZ,
CA, CH,	N, CO, CR	c, CU, CZ, I	DE, DK, DM, DO, DZ, E	EC, EE, EG, ES,
FI, GB,	D, GE, GH	I, GM, GT, I	HN, HR, HU, ID, IL, I	IN, IS, JP, KE,
KG, KM,	N, KP, KR	k, KZ, LA, I	LC, LK, LR, LS, LT, I	LU, LY, MA, MD,
ME, MG, 1	K, MN, MW	, MX, MY, N	MZ, NA, NG, NI, NO, N	NZ, OM, PG, PH,
PL, PT,	O, RS, RU	, SC, SD, S	SE, SG, SK, SL, SM, S	SV, SY, TJ, TM,
TN, TR,	T, TZ, UA	, UG, US, U	UZ, VC, VN, ZA, ZM, Z	ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

EP 2007-107339

A 20070502
GI

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=> d 15, ibib abs hitstr, 1-4 COMMAND INTERRUPTED REENTER FILE 'HCAPLUS' AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.

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ENTRY SESSION
FULL ESTIMATED COST 11.40 199.90

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> d his

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009

L1 STRUCTURE UPLOADED

L2 12 S L1

L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009

L4 5 S L3/THU

L5 4 S L4 AND FUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

=> file hcaplus

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FULL ESTIMATED COST ENTRY SESSION 0.48 200.38

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FILE COVERS 1907 - 26 Mar 2009 VOL 150 ISS 13 FILE LAST UPDATED: 25 Mar 2009 (20090325/ED)

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d 15, ibib abs hitstr, 1-4

L5 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1471528 HCAPLUS

DOCUMENT NUMBER: 149:576624

TITLE: Preparation of pyridazines as agrochemical

fungicides and antitumor agents

INVENTOR(S): Dietz, Jochen; Vrettou, Marianna; Mueller, Bernd;

Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas

PATENT ASSIGNEE(S): BASF SE, Germany

SOURCE: PCT Int. Appl., 106pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 27

PATENT INFORMATION:

PAT	ENT I	KIN	D	DATE			APPL	ICAT	ION I		DATE						
				_													
WO	WO 2008135413			A1		20081113		,	WO 2	008-		20080425					
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		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FΙ,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KΕ,
		KG,	KM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NΖ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ТJ,	TM,
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW			
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FΙ,	FR,	GB,	GR,	HR,	HU,
		ΙE,	IS,	ΙΤ,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,

TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

EP 2007-107339

A 20070502

GI

AB Title compds. I [R1, R4 = H, CN, alkyl, etc.; R2 = alkyl, haloalkyl, alkenyl, etc.; R3 = aryl, heteroaryl, etc.] and their formulations were prepared For example, Mitsunobu-mediated coupling of phenol II and 3-dimethylaminopropanol afforded pyridazine III. In HeLa cell inhibition assays, compds. I exhibited IC50 values < 100 nM. [This abstract record is one of 27 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.].

IT 658066-35-4, Fluopyram

RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRPH (Prophetic); BIOL (Biological study); USES (Uses)

RN 658066-35-4

L5 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1300243 HCAPLUS

DOCUMENT NUMBER: 149:506110

TITLE: Use of fungicides for treating fish mycoses

INVENTOR(S):
Haeuser-Hahn, Isolde; Stenzel, Klaus;

Wachendorff-Neumann, Ulrike

PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 28pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

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KIND DATE
                                      APPLICATION NO. DATE
PATENT NO.
                     ____
                                          ______
WO 2008128654 A2 20081030 WO 2008-EP2830 20080410 WO 2008128654 A3 20081218
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         CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
         FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
         KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
         ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
         PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
         TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
    RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
         IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK,
        TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
                      A1 20081022 EP 2007-106647
EP 1982717
    R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
         AL, BA, HR, MK, RS
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PRIORITY APPLN. INFO.:

EP 2007-106647 A 20070420

The invention discloses a method for protecting fish and invertebrates and all of the stages of development thereof from mycoses caused by fungi of the genera Saprolegnia, Aphanomyces, Achlyaflagellata and other significant species in aquaculture, using fungicides, leading to an inhibition or destruction of pathogenic fungi.

The means containing at least one fungicide for use in fish-farming and fish-keeping is suitable for the prophylaxis and treatment of diseases affecting fish in aquaculture, farming ponds, farming tanks, aquariums, natural game fish waters, ponds and marine fish farms. The associated forms of application are addition to water and food and direct application. The addition of the inventive means to the water prevents spawn and fish from being infected by fungi.

IT 658066-35-4, Fluopyram

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(fungicide for treatment of fish mycosis)

RN 658066-35-4

L5 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1270802 HCAPLUS

DOCUMENT NUMBER: 149:463025

TITLE: Use of fungicides for treatment of fish

mycoses

INVENTOR(S): Haeuser-Hahn, Isolde; Stenzel, Klaus;

Wachendorff-Neumann, Ulrike

PATENT ASSIGNEE(S): Bayer CropScience A.-G., Germany

SOURCE: Eur. Pat. Appl., 22pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2 PATENT INFORMATION:

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PATENT NO.
                      KIND DATE APPLICATION NO.
                                                                          DATE
     EP 1982717 A1 20081022 EP 2007-106647 20070420
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              IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
              AL, BA, HR, MK, RS
     WO 2008128654 A2
                                   20081030
                                                WO 2008-EP2830
     WO 2008128654
                           A3 20081218
          W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
              CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,
              FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE,
              KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
              ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH,
              PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM,
         PL, PI, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SI, IJ, IM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
PRIORITY APPLN. INFO.:
                                                EP 2007-106647 A 20070420
     The invention discloses a method for the protection of fish and
     invertebrates and all of their developmental stages and for the treatment
     of mycoses caused by fungi of genus Saprolegnia, Aphanomyces,
     Achlyaflagellata and other relevant species in aquaculture through the use
     of at least one fungicide already recognized as an agrochem.
     agent. The agent of the invention, containing at least one of the above
     fungicides can be used in fish breeding and keeping for the
     prophylaxis and therapy of diseases of fish in aquaculture, in breeding
     ponds, breeding tanks, aquariums, natural sport fishing water, ponds, and
     for marine fish breeding. The agent may be added to the water or to feed
     or directly applied.
     658066-35-4, Fluopyram
     RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
         (fungicides for treatment of fish mycoses)
     658066-35-4
REFERENCE COUNT:
                                   THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
                                   RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN
                           2008:160920 HCAPLUS
ACCESSION NUMBER:
                            148:246465
DOCUMENT NUMBER:
TITLE:
                           Fungicidal compounds and compositions for
                            treatment of phytopathogenic organisms
INVENTOR(S):
                            Godwin, Jeremy R.; Trah, Stephan; Lamberth, Clemens;
                            Wendeborn, Sebastian Volker
PATENT ASSIGNEE(S):
                           Syngenta Participations AG, Switz.
SOURCE:
                            PCT Int. Appl., 37pp.
                            CODEN: PIXXD2
DOCUMENT TYPE:
                           Patent
LANGUAGE:
                           English
FAMILY ACC. NUM. COUNT: 1
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## PATENT INFORMATION:

PA.	FENT	KIN	D	DATE		APPLICATION NO.							DATE				
	2008014955							,	WO 2	007-1		20070730					
WO	2008014955																
	W:	ΑE,	ΑG,	ΑL,	ΑM,	ΑT,	ΑU,	ΑZ,	ΒA,	BB,	ВG,	BH,	BR,	BW,	BY,	ΒZ,	CA,
		CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,	FΙ,
		GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,
		KM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,	ME,
		MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,
		PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,	TN,
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		IS,	ΙT,	LT,	LU,	LV,	MC,	MT,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,
		ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,
		GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,
		BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM,	ΑP,	EA,	EP,	OA					
PRIORITY	Y APP	LN.	INFO	. :						GB 2	006-	1521	3		A 20060731		
OTHER SO	OTHER SOURCE(S):					MARPAT 148:246465											

The present invention relates, inter alia, to a compound having the formula (I; (R)n = 4-Br, 4-OCH2CH3, 4-OCH2CF3, 2-CH3-4-C1, 2-CH3-4-OCH3, AΒ 2-CH3-4-OCF3, 2-F-4-Br, 2-F-4-CF3, 3-CH3-4-Br, 3-F-4-C1, 3-F-4-CH3, 3-F-4-Br, 3-F-4-OCH3 or 3-F-4-F). The present invention further relates to a fungicidal composition comprising a compound having the formula I, and also to fungicidal compns. comprising compds. having the formula II and/or III. Furthermore, the present invention relates to

methods for controlling pathogenic organisms using the compns. Thus, wettable powder formulation comprised (in wt%): active ingredient 25, lignosulfonate 5, sodium lauryl sulfate 3, highly dispersed silicic acid 5, kaolin 62.

IT 658066-35-4

RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses) (fungicidal compds. and compns. for treatment of phytopathogenic organisms)

RN 658066-35-4

=> d his

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009

L1 STRUCTURE UPLOADED

L2 12 S L1

L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009

L4 5 S L3/THU

L5 4 S L4 AND FUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

=> file req

COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
19.22 219.60

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL
ENTRY SESSION
-3.28
-3.28

FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2009 American Chemical Society (ACS)

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Uploading C:\Documents and Settings\brobinson1\My Documents\4345.str

L6 STRUCTURE UPLOADED

=> s 16

SAMPLE SEARCH INITIATED 17:26:42 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 1035 TO ITERATE

100.0% PROCESSED 1035 ITERATIONS 12 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS:

18770 TO 22630 33 TO 447 33 TO PROJECTED ANSWERS: 447

12 SEA SSS SAM L6

=> d his

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009

STRUCTURE UPLOADED L1

L2 12 S L1

292 S L1 FULL L3

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009

L45 S L3/THU

L5 4 S L4 AND FUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009

STRUCTURE UPLOADED L6

12 S L6 L7

=> file hcaplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 0.48 220.08

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL ENTRY SESSION

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

L1

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009)

FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009

STRUCTURE UPLOADED

L2 12 S L1

L3 292 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009

L4 5 S L3/THU

L5 4 S L4 AND FUNG?

FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009

FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009

FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009

L6 STRUCTURE UPLOADED

L7 12 S L6

FILE 'HCAPLUS' ENTERED AT 17:27:05 ON 26 MAR 2009

=> s 14 not 15

L8 1 L4 NOT L5

=> d 18, ibib abs hitstr, 1

L8 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2000:260244 HCAPLUS

DOCUMENT NUMBER: 132:279120

TITLE: Preparation of 2-aminopyridines as nitric oxide

synthase inhibitors

INVENTOR(S): Connolly, Stephen; Cox, David

PATENT ASSIGNEE(S): AstraZeneca UK Limited, UK; Astrazeneca AB

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT	KIND DATE				APPL	ICAT	DATE								
	WO 2000021934			A1 20000420				 WO 1	 999-	 SE18	19991011				
W:	AE, A	L, AM,	ΑT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	BY,	CA,	CH,	CN,	CR,	CU,
	CZ, D	E, DK,	DM,	EE,	ES,	FΙ,	GB,	GD,	GE,	GH,	GM,	HR,	HU,	ID,	IL,
	IN, I	S, JP,	KΕ,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	MA,
	MD, M	G, MK,	MN,	MW,	MX,	NO,	NΖ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,
	SK, S	L, TJ,	TM,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VN,	YU,	ZA,	ZW	
RW:	GH, G	M, KE,	LS,	MW,	SD,	SL,	SZ,	TZ,	UG,	ZW,	ΑT,	BE,	CH,	CY,	DE,
	DK, E	S, FI,	FR,	GB,	GR,	IE,	ΙT,	LU,	MC,	NL,	PT,	SE,	BF,	ΒJ,	CF,
	CG, C	I, CM,	GΑ,	GN,	GW,	ML,	MR,	ΝE,	SN,	TD,	ΤG				
PRIORITY APP	LN. IN	FO.:						SE 1	998-	3518		A 19981015			
OTHER SOURCE GI	MARPAT 132:279120														

Ι

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ H_2N & & & \\ N & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

- AB The title compds. [I; X = (CR6R7)n; R1 = H, alkyl, alkoxy, etc.; R2-R7 = H, alkyl; R2R4 = (CH2)m; Y = H, alkyl; R2Y = (CH2)p; R4Y = (CH2)p; Y is joined to the ortho position of ring A and represents (CH2)r; Z = a bond, CH2; Q = H, alkyl, alkoxy, etc.; A = Ph, 5-membered heterocyclyl containing 1-2 heteroatoms selected from O, S and N, 6-membered aromatic azacyclic ring containing 1-2 N atoms; m = 0-5; n = 0-3; p = 0-4; r = 0-3] and their pharmaceutically acceptable salts which are inhibitors of the enzyme nitric oxide synthase and are thereby particularly useful in the treatment of prophylaxis of inflammatory diseases such as inflammatory bowel disease, rheumatoid arthritis, and osteoarthritis, and pain, were prepared E.g., a multi-step synthesis of aminopyridine II.HCl which showed IC50 of < 25  $\mu$ M against the human form of induced nitric oxide synthase, was given.
- IT 263894-83-3P 263894-85-5P 263894-93-5P
  RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of 2-aminopyridines as nitric oxide synthase inhibitors)

RN 263894-83-3 RN 263894-85-5

RN 263894-93-5

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file req COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 17.63 237.71 DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL. ENTRY SESSION CA SUBSCRIBER PRICE -0.82-4.10

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http://www.cas.org/support/stngen/stndoc/properties.html Uploading C:\Documents and Settings\brobinson1\My Documents\ararata.str L9 STRUCTURE UPLOADED => s 19 SAMPLE SEARCH INITIATED 17:33:21 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 3432 TO ITERATE 2000 ITERATIONS 58.3% PROCESSED 6 ANSWERS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01 FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\* BATCH \*\*COMPLETE\*\* 65127 TO 72153 13 TO 397 PROJECTED ITERATIONS: PROJECTED ANSWERS: L10 6 SEA SSS SAM L9 => s 19 full THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 17:33:25 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 68892 TO ITERATE 100.0% PROCESSED 68892 ITERATIONS 383 ANSWERS SEARCH TIME: 00.00.01 L11 383 SEA SSS FUL L9 => d his (FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009) FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009 L1 STRUCTURE UPLOADED L2 12 S L1 L3 292 S L1 FULL FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009 5 S L3/THU L44 S L4 AND FUNG? L5FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009 FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009 FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009 L6 STRUCTURE UPLOADED L7 12 S L6 FILE 'HCAPLUS' ENTERED AT 17:27:05 ON 26 MAR 2009

L8 1 S L4 NOT L5

FILE 'REGISTRY' ENTERED AT 17:30:06 ON 26 MAR 2009

L9 STRUCTURE UPLOADED

L10 6 S L9

L11 383 S L9 FULL

=> s 111 not 13

L12 127 L11 NOT L3

=> file hcaplus

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 188.28 425.99

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY
SESSION

CA SUBSCRIBER PRICE 0.00 -4.10

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 112/thu

130 L12

1105658 THU/RL

L13 4 L12/THU

(L12 (L) THU/RL)

=> d his

(FILE 'HOME' ENTERED AT 17:18:33 ON 26 MAR 2009) FILE 'REGISTRY' ENTERED AT 17:19:17 ON 26 MAR 2009 STRUCTURE UPLOADED L1L212 S L1 L3 292 S L1 FULL FILE 'HCAPLUS' ENTERED AT 17:22:37 ON 26 MAR 2009 L45 S L3/THU L54 S L4 AND FUNG? FILE 'REGISTRY' ENTERED AT 17:25:02 ON 26 MAR 2009 FILE 'HCAPLUS' ENTERED AT 17:25:07 ON 26 MAR 2009 FILE 'REGISTRY' ENTERED AT 17:26:22 ON 26 MAR 2009 STRUCTURE UPLOADED L6 L7 12 S L6 FILE 'HCAPLUS' ENTERED AT 17:27:05 ON 26 MAR 2009 L8 1 S L4 NOT L5 FILE 'REGISTRY' ENTERED AT 17:30:06 ON 26 MAR 2009 L9 STRUCTURE UPLOADED 6 S L9 L10 L11 383 S L9 FULL L12 127 S L11 NOT L3 FILE 'HCAPLUS' ENTERED AT 17:33:35 ON 26 MAR 2009 L13 4 S L12/THU => s 113 not 14 0 L13 NOT L4 L14 $\Rightarrow$  d 113, ibib abs hitstr, 1-4 L13 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN ACCESSION NUMBER: 2008:1471528 HCAPLUS DOCUMENT NUMBER: 149:576624 TITLE: Preparation of pyridazines as agrochemical fungicides and antitumor agents INVENTOR(S): Dietz, Jochen; Vrettou, Marianna; Mueller, Bernd; Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas BASF SE, Germany PATENT ASSIGNEE(S): PCT Int. Appl., 106pp. SOURCE: CODEN: PIXXD2 DOCUMENT TYPE: Patent LANGUAGE: German FAMILY ACC. NUM. COUNT: 27 PATENT INFORMATION: PATENT NO. APPLICATION NO. DATE KIND DATE A1 20081113 WO 2008-XD55058 20080425 WO 2008135413

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES,

GΙ

FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM PRIORITY APPLN. INFO.: EP 2007-107339 A 20070502

ОН RЗ Cl $\mathbb{R}^2$  $R^4$ F F C1Me ΙI - CH2-CH2-CH2-NMe2 F F C1Me III

L13 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1471528 HCAPLUS

DOCUMENT NUMBER: 149:576624

Preparation of pyridazines as agrochemical fungicides TITLE:

and antitumor agents

Dietz, Jochen; Vrettou, Marianna; Mueller, Bernd; INVENTOR(S):

Renner, Jens; Ulmschneider, Sarah; Lohmann, Jan Klaas

PATENT ASSIGNEE(S):

BASF SE, Germany PCT Int. Appl., 106pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PA'	TENT	NO.			KIN	D	DATE		-	APPL	ICAT	DATE					
WO	2008	2008135413			A1	_	20081113		WO 2008-XD5505						20080425		
	W: AE, AG, AL		AL,	AM,	AO,	AT,	ΑU,	AZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,	
		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FΙ,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,
		KG,	KM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ΜE,	MG,	MK,	MN,	MW,	MX,	MY,	ΜZ,	NA,	NG,	ΝΙ,	NO,	NΖ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ТJ,	TM,
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW			
	RW:	ΑT,	BE,	ВG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		ΙE,	IS,	ΙT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		ΑM,	ΑZ,	BY,	KG,	KΖ,	MD,	RU,	ΤJ,	TM							
PRIORIT	Y APP	LN.	INFO	.:						EP 2	007-	1073	39	1	A 2	0070	502
GT																	

COMMAND INTERRUPTED
REENTER FILE 'HCAPLUS'
AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.

Your command did not complete due to a temporary system problem. To recover, reenter the file you are in now. Then, any command that is normally available to you may be used. No cost summary for the current file will be displayed. After reentering the current file you may retry your command. Also, you may wish to SAVE your search query. This can be done in any file. If you cannot access your current file, or if your command fails a second time, notify the Help Desk. Enter "HELP STN" for information on contacting the nearest STN

Help Desk by telephone or by using the SEND command in STNMAIL file.

=> d his

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file req

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
14.25
440.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL ENTRY SESSION CA SUBSCRIBER PRICE 0.00 -4.10

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#### L15 STRUCTURE UPLOADED

=> s 114

'THU' IS NOT A VALID CROSSOVER QUALIFIER FOR T Answer sets created in a different file may be field qualified with a limited set of qualifiers. Enter HELP CROSSOVER at an arrow prompt (=>) for specific information.

=> s 115

SAMPLE SEARCH INITIATED 17:41:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3826 TO ITERATE

52.3% PROCESSED 2000 ITERATIONS 0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 72811 TO 80229 PROJECTED ANSWERS: 0 TO 0

L16 0 SEA SSS SAM L15

=> s 115 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 17:41:06 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 76821 TO ITERATE

100.0% PROCESSED 76821 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

L17 0 SEA SSS FUL L15

=>

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L18 STRUCTURE UPLOADED

=> s 118

SAMPLE SEARCH INITIATED 17:42:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3826 TO ITERATE

52.3% PROCESSED 2000 ITERATIONS 0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*
PROJECTED ITERATIONS: 72811 TO 80229
PROJECTED ANSWERS: 0 TO 0

L19 0 SEA SSS SAM L18

=> s 118 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y FULL SEARCH INITIATED 17:42:07 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 76821 TO ITERATE

100.0% PROCESSED 76821 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.02

L20 0 SEA SSS FUL L18